First Nations Water Rights in British Columbia

A Historical Summary of the rights of the Chawathil First Nation

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MINISTRY OF ENVIRONMENT, LANDS and PARKS
WATER MANAGEMENT BRANCH

FIRST NATIONS WATER RIGHTS IN BRITISH COLUMBIA:

A Historical Summary of the rights of the Chawathil First Nation

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Edit by:	JOL Consulting
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Gary Robinson
Project Manager
Water Management Branch

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FIRST NATION WATER RIGHTS REPORT

BAND: Chawathil (formerly Hope)

ADDRESS: P.O. Box 1659, Hope, BC V0X 1L0

CHIEF: John Peters

PHONE: 869-9994 **FAX:** 869-7614

AFFILIATION: Sto:lo Tribal Council

LOCATION:

The Chawathil Band occupies five reserves situated within the Cascade Mountain Range both in an area within and surrounding the town of Hope. These reserves range in size from 0.9 to 551 hectares.

The Chawathil reserves include:

Chawathil No. 4	Hope No. 1	Tunnel No. 6
Greenwood Island No. 3	Schkam No. 2	

Of these reserve lands water rights have been issued on Schkam Reserve No. 2. This is a 54.3 hectare reserve which is located on the right bank of the Fraser River, just northeast of the town of Hope.

The most recent population figures from the Ministry of Finance indicate that the Chawathil Band's total population, including registered and non-registered members living on and off-reserve, is 127.

The Chawathil reserves are located within the Cascade Mountain Range in the Coastal Western Hemlock Biogeoclimatic Zone. Coastal Western Hemlock and Amabilis Fir are the dominant climax trees within this zone, although several other species are common. Abundant rainfall and mild temperatures make the forests within this biogeoclimatic zone some of the most productive in British Columbia. The Chawathil reserves lie at elevations ranging from 150 to 400 metres above mean sea level, and experience climate ranging from an average daily temperature of -5 to -10 degrees centigrade in January, to between 16 and 20 degrees centigrade in July. The average annual rainfall for this area is 100 to 250 centimeters.

Water Courses of significance include:

- Coquihalla River, which flows southwest before it enters the left bank of the Fraser River just east of the town of Hope.
- Schkam Creek, which flows southeast through Schkam Reserve No. 2 before it enters the right bank of the Fraser River.
- Ilka-wilt-san Creek, which is situated within Schkam Reserve No. 2.

WATER ALLOCATIONS:

There are no records of any allocations made by Order In Council of the Lieutenant Governor in Council. However, the water rights of the Band have been recorded or affected by four actions of government over the years.

1) Allotments by Indian Reserve Commissioners (IRC).

   Following confederation, the Province and the Dominion established an Indian Reserve Commission to reserve lands for the Indians without their agreement and for the transfer of those lands to the Dominion. In setting apart lands for reserves, the Reserve Commissioners made it their practice to allot water with the lands. It is understood that this practice was unique among Indian Reserves in Canada and the authority of the Commissioners to allot water rights has been disputed by the Province.

2) Determinations of the Board of Investigation under the *Water Act, 1914 with respect to* claims filed by the Department of Indian Affairs, and subsequent issue of water licences.

3) Granting of water licences from Federal Government application for licences for the use of water on reserves.

4) Actions to amend, cancel or record as abandoned rights under licence pursuant to provisions in the *Water Act*.

HISTORY, CURRENT STATUS AND NOTES:

The history of water rights, the current status of rights, and notes for the Chawathil Band with respect to Coquihalla River, Ilka-wilt-san Creek, and Schkam Creek are as follows:

Coquihalla River

History:

Aug 16, 1879 The Minute of Decision (MOD) of the Indian Reserve Commission allocated the following for the use of the Chawathil Band:

"The Indians are to have 100 inches of water for irrigation and other purposes from the Kive, Kive-halla or other available sources of water supply as may be ascertained."

Note: Kive, Kive-halla River is presently named Coquihalla River. In addition, the reference to an inch of water is understood to be a "miner's inch" of water. The Water Act of 1914 defined a miner's inch as being equal to a flow of .028 cubic feet per second. This rate of flow over a 120 day irrigation season would be 6.664 acre feet for each miner's inch.

Current Status:

There are currently two active licences on Coquihalla River, none of which are held by the Chawathil Band. Of the licences:

- 1 authorizes the use of 1,000 gallons of water per day for domestic purpose.
- 1 authorizes the use of 43 acre feet of water for watering purpose.

Water Survey of Canada operated station 08MF003 on Coquihalla River from 1911 to 1983. During this period, the station recorded a minimum daily discharge of 2.55 m^3/sec (90.05 cubic feet/sec) on October 31, 1967, and a maximum daily discharge of 572 m^3/sec (20,199.60 cubic feet/sec) on September 26, 1917. Mean monthly discharges reach a low of 12 m^3/sec in August and rise to a high of 78.5 m^3/sec in June.

Notes:

1. The Chawathil Band's prior right to water allotted by the Indian Reserve Commission has not been formally recognized by the Province.

Ilka-wilt-san Creek

History:

Aug 16, 1879 The Minute of Decision of the Indian Reserve Commission allocated the following for the use of the Chawathil Band:

"...the Indians are to have the right to 250 inches of water from Ilka-wilt-san Creek for irrigating or other purposes."

Current Status:

There are no active licences on Ilka-wilt-san Creek.

Water Survey of Canada has no record of streamflow Ilka-wilt-san Creek, and there is no other information on current availability.

Notes:

1. The Chawathil BandÕs prior right to water allotted by the Indian Reserve Commission has not been formally recognized by the Province.

Schkam Creek

History:

Apr 24, 1924 At a final hearing before the Board of Investigation, acting pursuant to the *Water Act of 1914*, the Board determined that on the 26th day of September, 1888, there was filed in the office of the Dominion Lands Agent at New Westminster, B.C., a bona fide application for a record of water from Schkam Creek, for use on Schkam No. 2. The Order of the Board, numbered 5442, set out that a conditional licence should be issued which would:

(i) provide for the diversion of water from Schkam Creek,
(ii) take precedence from September 26, 1888,
(iii) authorize diversion of a maximum of 116 acre feet per year for irrigation of 116 acres of Schkam Reserve No. 2, provided that 500 gallons per day, throughout the year, could also be used for domestic purpose.

The Comptroller of Water Rights issued Conditional Water Licence 7516, which embodied the terms and conditions set out in Board Order 5442.

Jun 21, 1940 A letter written by C.E. Webb, District Chief Engineer, stated that regarding Conditional Water Licence 7516:

> *"As is would appear there is no likelihood of irrigation being required from these conditional licences in the near future, abandonment is agreed to in each instance."*

Note: Further information regarding Conditional Water Licence 7516 is not available, as this licence was recorded as abandoned and the

corresponding file was destroyed in 1945.

Jul 20, 1936 In accordance with an application made by Hope Utilities Limited, the Comptroller of Water Rights issued Conditional Water Licence 12922. This licence was given a precedence date of January 24, 1936 and authorized the diversion of four cubic feet per second, year round from Schkam Creek for power purpose. The land upon which the water is to be used is a fraction of Hope (Schkam) Reserve No. 2 on the bank of the Fraser River, on which is situated a power house site and the licence is appurtenant to the undertaking of the licensee as set out in its Certificate of Approval of Undertaking, dated 26th March, 1936.

Note: Conditional Water Licence 12922 was recorded as abandoned. Further information pertaining to this licence is not available as the corresponding file was destroyed.

Current Status:

There are currently three active licences on Schkam Creek, none of which are held by the Chawathil Band. Of the licences:

- 2 authorize the use of water for domestic purpose, for a total of 1,500 gallons of water per day.
- 1 authorizes the use of 5 acre feet of water for irrigation purpose.

Water Survey of Canada has no records of streamflow on Schkam Creek, and there is no other current information on water availability.

Notes:

1. There is no evidence that the Chawathil Band was consulted with regards to the abandonment of Conditional Water Licences 7516 and 12922 on Schkam Creek.

OTHER INFORMATION:

Additional Water Records:

The *Schedule of Indian Reserves in the Dominion, 1913,* is a document published by the federal government, recording each Band's water allocations up to 1913. We believe these records are a compilation of Minute of Decisions, Order-in-Councils, and perhaps other documents. However, as original copies of these documents are unavailable, the dates and information cannot be verified.

Allocations in the *Schedule of Indian Reserves in the Dominion* for the benefit of the Chawathil Band which are inconsistent with our findings are:

Reserve	Water Allocation
Hope No. 1	*"100 inches of water from Co-que-hal-la river..."* This water record was later abandoned by the Indian Commissioner for BC on November 23, 1925.
Schkam No. 2	*"250 inches of water from Ilka-wilt-san creek..."* No licences were ever granted to the Chawathil Band on this creek. Thus, the allocation of 250 inches of water from Ilka-wilt-san Creek was never formally recognized by the Province.

Alternate Water Sources:

Groundwater Records:

Review of records maintained by the Ministry of Enviroment, Lands and Parks (MELP) Groundwater Section found that no evidence of wells located on any of the Chawathil reserves.

As the provision of well information to the groundwater information is voluntary, this review should not be assumed to be complete.

Municipal Water Sources:

The proximity of the Chawathil reserves to the town of Hope presents the potential for water supply to these reserves via a municipal water system.

Water Protection Records:

The Water Protection Section has records of a dyke and bank improvement work along 0.5 kilometres of the Fraser River, along Chawathil Reserve No. 4. The dykes and banks protection are maintained by the Canadian Pacific Railway.

Summary of Water Record								
Chawathil First Nation								
Water Source	**Priority Date**	**Reserve Name**	**File No.**	**Document Type**	**Status**	**Superceded By**	**Licence PUC/MOD & OIC Allotments**	**Comments**
Coquihalla River	1879/08/16		AGBC # 590455	MOD			*"100 inches of water"* Conversion: 611 AF	IRC Allocation: Not formally recognized by the Province. Water Source: Originally specified as "Kive-halla River".
Ilka-wilt-san Creek	1879/08/16		AGBC # 590455	MOD			*"250 inches of water"* Conversion: 1528 AF	IRC Allocation: Not formally recognized by the Province.
Schkam Creek	1888/09/26	Schkam # 2	0005442	C 7516	Abandoned		500 GAD/ Domestic 116 AF Irrigation	No evidence that the Chawathil band was consulted with regards to the abandonment of this licence
Schkam Creek	1/24/36	Schkam # 2	0124036	C 12922	Abandoned		4 CS/PRGEN	No evidence that the Chawathil band was consulted with regards to the abandonment of this licence

AGBC 590455

Hoffs Indians.

The reserve in the town of Hope bounded as follows.

North boundary. a straight line in continuation of the north line of suburban Lot. 6. Block 1. (on account produced to Fraser river bank.

East boundary. a straight line running parallel to the east boundary of water street and distant therefrom 66 feet. South boundary. the north line of Park street produced. westward to river bank. West boundary. the bed of river bank, following the sinuosities of the bank to strike the north boundary.

16 August 1879

~~The Indians are~~

to

[redacted] for irrigation

and other purposes from the Kuc[redacted] River

basin or other available sources of water

supply as may be ascertained

Survey.

old dam near the waggon road is
to be included within the reserve, and
the Indians are to have the right
to 250 inches of water from Sha-
wheet Dam Creek for irrigating, or
other purposes.

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

CONDITIONAL WATER LICENCE.

(For a n Irrigation Purpose.)

WHEREAS the Board of Investigation, constituted and acting under the "Water Act, 1914," duly held an investigation respecting the water set out in the order No. 5442, duplicate of which is hereto attached, and in the said order directed the Comptroller of Water Rights to issue a Conditional licence in respect of the particular record and claim respectively set out therein, and further therein named the terms and conditions to be embodied in the said licence:

NOW, THEREFORE, I, Comptroller of Water Rights of the Province of British Columbia, in pursuance of the said order and in conformity with the "Water Act, 1914," issue this Conditional licence, and declare the rights in and to the use of the said waters held under the said record in respect of the said claim to be such as are set out in the said order; and the terms and conditions of the said order and any exhibits which are therewith incorporated are hereby incorporated herewith and form a part hereof. This licence is appurtenant to Kohkam Indian Reserve (No.2 Hope)

Abandoned File Destroyed 1945

Made and entered this 24th day of April, 192 4

E. McMillan
Comptroller of Water Rights.

No. 7516

Form No. 1008, W.R.B. (Licence in respect of Board Order)—1,500-1-23—504.

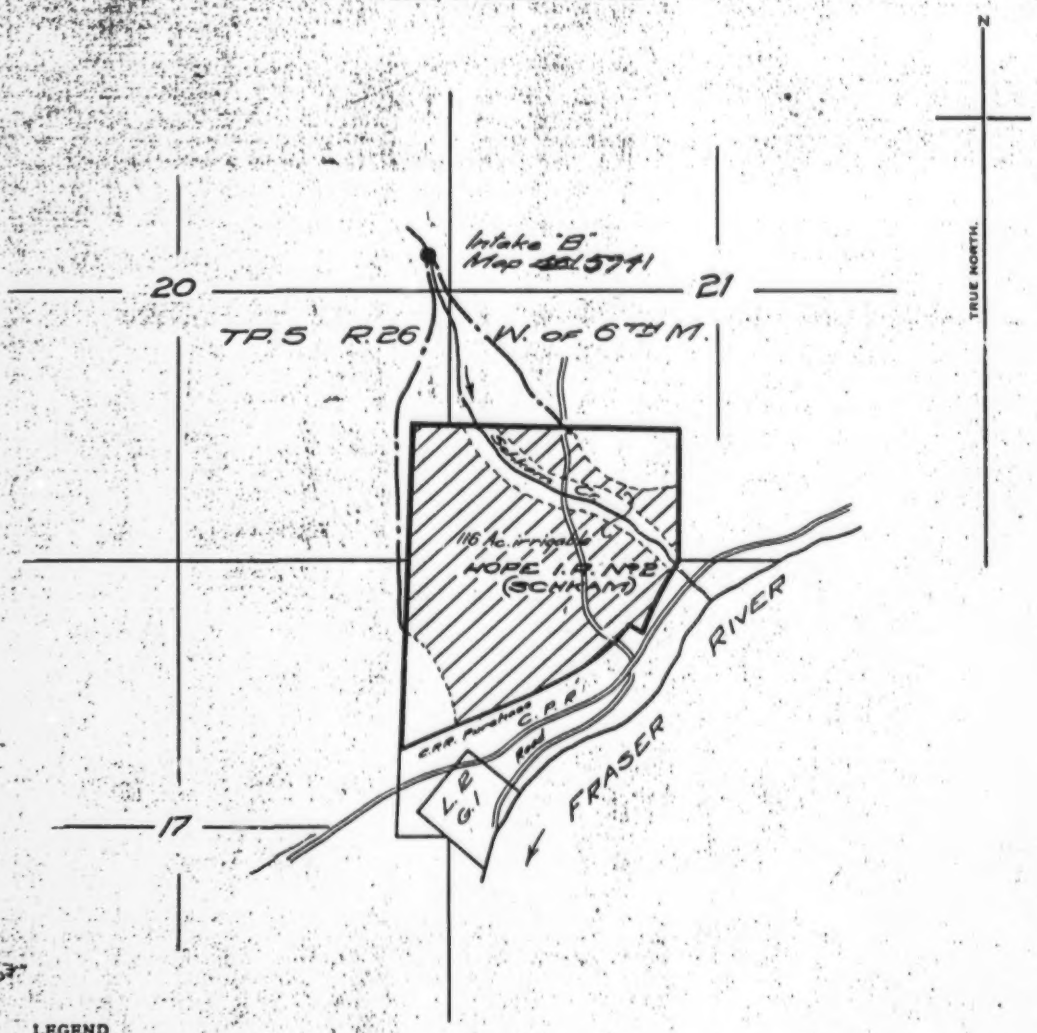
ORIGINAL

British Columbia

To accompany Board Order No. 5442

ASHCROFT WATER DISTRICT.

Scale, 20 Chains to 1 Inch.



LEGEND
Intake ●
Ditch ———
Road

The boundaries of the land to which this licence is appurtenant are shown shaded.
116 acres within the said boundaries are claimed to be irrigable, as shown hatched.

Description of Works to be constructed.
Ditch

Signature J. T. Alexander
J. T. Lane 24 Apr 1924
(C.I.C.L. 7516) B.O. 5442
File 30.M.1

EXHIBIT "A" R.B.

250-124-4837

PROVINCE OF BRITISH COLUMBIA. WATER RIGHTS BRANCH. DEPARTMENT OF LANDS.

DETERMINATION AND ORDER.

(FOR A CONDITIONAL WATER LICENCE FOR IRRIGATION PURPOSES.)

BY THE BOARD OF INVESTIGATION
UNDER THE "WATER ACT, 1914."

In the Matter of the Claims of the Department of Indian Affairs to Rights to the Use of the Waters of Schkam Creek a tributary of Fraser River. in the neighbourhood of Hope, in the NEW WESTMINSTER Ashcroft Water District.

NOW, on the 11th day of June, 1920, the above-entitled matter coming on regularly for final hearing before the Board of Investigation; due notice having been given of the time and place of hearing; all and every the steps required under the Act to be taken by the Board before a determination of the said rights and claims should be made having been taken; all evidence, testimony, and proofs filed with the Board or presented in the above-entitled matter having been duly considered; a quorum of the Board being present at the hearing; and the Board being now fully advised in the premises, determines with respect to the said claims (which are on file and designated as Indian File No. 30-14-1) that on the 26th day of September 1888 there was filed in the office of the Dominion Lands Agent at New Westminster, B.C. a bona fide application for a record of water from Schkam Creek, a tributary of the Fraser River, for use on the Schkam Indian Reserve (No.2 Hope) and that water from the said creek has been used for beneficial purposes on the said Indian Reserve.

2. The claims of the Department of Indian affairs with respect to the said waters are allowed by the Board to the extent hereinafter specified, and the Comptroller of Water Rights is hereby directed to issue a conditional licence in respect thereof embodying the following terms and conditions:—

(*a.*) The sources of the water supply is Ts'ohkam Creek a tributary of Fraser River.

(*b.*) The points of diversion from the said sources ~~are~~ is located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which exhibit is on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

(*c.*) The date ~~for~~ from which the said licence shall take precedence is 26th September 1888

(*d.*) The purpose for which the water is to be used is irrigation.

(*e.*) The maximum quantity of water per annum which may be used when irrigation is extended to all the lands mentioned in subclause (*g*) of this clause, until lawfully altered, is 116 acre-feet, and the maximum quantity of water which may be used per annum on each acre actually irrigated until lawfully altered is One (1) ~~acre-feet~~ foot: Provided that where sources of supply other than those named in subclause (*a*) hereof are drawn upon for the irrigation of a part or all of the same lands as are described in subclause (*g*) hereof, the maximum quantity of water which may be used under the licence hereby directed to be issued shall be reduced by the quantity which the licensee may be entitled to use from said other sources of supply: Provided further that when the Engineer of the Water District has accumulated the requisite hydrographic data for determining to the satisfaction of the Comptroller the *pro rata* part of the said total quantity to be apportioned to the licence hereby directed to be issued, the Comptroller shall require the surrender of the licence, and shall amend the same by stating the particular quantity to which the licensee is entitled from the particular sources named therein.

(*f.*) The period of the year during which the water may be used is between the first day of April and the thirtieth day of September.

(*g.*) The water may be used on the Ts'ohkam Indian Reserve (No.2 Hope) of which 116 acres are said to be irrigable. The extent and location of the said irrigable lands are more particularly shown in the said Exhibit "A."

(*h.*) The works which are required to be constructed before the issue of a final licence are the clearing, stumping, and levelling of the irrigable lands on the said reserve and the additional works required for conducting thereto the maximum quantity of water hereby authorized to be diverted.

(*i.*) The execution of the said works shall be commenced or resumed on or before the first day of June, 1924, and shall be prosecuted with due diligence and in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

(*j.*) The said works shall be completed and the quantity of water to which the licensee is entitled beneficially used for the purpose set out in the licence on or before the first day of November, 1930.

(*k.*) Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

ORIGINAL

(*l.*) The nature and the extent of the incidental uses permitted under the licence are: For domestic purposes, the use of 500 gallons a day of water from any or all the said sources of supply during the whole of the year; and for storage purpose, such quantity of water (not exceeding ---------- acre-feet) as, together with the natural flow-water used hereunder, will be necessary to secure to the licensee the quantity granted hereunder. The water which may be so stored shall be that of ---------- and it may be stored (accumulated) in a reservoir at ----------

---------- between the first day of October in each year and the first day of June in the succeeding year, and may be used as provided for in subclauses (*d*), (*e*), and (*f*) of this clause, but such uses shall not enlarge the quantity of water allowed by subclause (*e*) hereof.

(*m.*) The Board may extend the time for the commencement, resumption, or completion of the execution of the works on being satisfied that it is in the public interest and that it will not injuriously affect the rights of any licensee.

(*n.*) The licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part V. of the "Water Act, 1914," and shall be subject to all the provisions of the said Act, including the filing of proof of the completion of the said works and the putting of the water to such beneficial use within the time limited by the provisions of section 117 of the said Act.

.....

.....

.....

.....

.....

3. Pending the issue of the licence hereby authorized to be issued, the terms and conditions of this order shall govern the respective rights of the record-holders or claimants affected thereby.

Made and entered this 11th day of April, 1922.

THE BOARD OF INVESTIGATION.

By J. T. Alexander, ~~Chairman~~ Member

and J. B. Lane, *Member.*

Form 587, W.R.B.—2,000-12-20.

Order No. 5482...

ORIGINAL

ADDRESS REPLY TO
DOMINION WATER AND POWER BUREAU

CANADA
DEPARTMENT
OF
MINES AND RESOURCES
SURVEYS AND ENGINEERING BRANCH

DEP'T. OF LANDS
JUN 22 1940
Victoria, B. C.

QUOTE FILE 24708 F.L.

~~1454819~~

Vancouver, B. C.
June 21, 1940.

Sir: 30-14-1 Re: C.L.7516, Schkam Creek, Hope I.R.#2
16-10-1 C.L.7531, Hamlin & Trafalgar creeks, Yale I.R.#13.
26-14-1 C.L.7883, American & Pucka creeks, Yale I.R.#11
19-10-1 C.L.7884, Kawkawka creek, Yale I.R.#16

Your four letters of June 7 are acknowledged in which you state the above licences will be cancelled, for non-use, unless abandonment is agreed upon. As it would appear there is no likelihood of irrigation being required from these conditional licences in the near future, abandonment is agreed to in each instance.

Yours very truly,

C.E.Webb
District Chief Engineer

E.Davis, Esq.,
Comptroller of Water Rights,
Department of Lands,
VICTORIA, B.C.

W.R.B. 1002— . 34-7038

PROVINCE OF BRITISH COLUMBIA. | WATER RIGHTS BRANCH. | DEPARTMENT OF LANDS.

CONDITIONAL WATER LICENCE.

Hope Utilities, Limited, of Vancouver, B.C., is

hereby authorized to divert and use water as follows:—

(a.) The source of the water-supply is Sohkam creek.

(b.) The point of diversion is located as shown on the attached plan.

(c.) The date from which this licence shall have precedence is 24th January, 1936.

(d.) The purpose for which the water is to be used is Power.

(e.) The maximum quantity of water which may be diverted is 4 cubic feet a second,

and such additional quantity as the District Engineer may from time to time determine should be allowed for losses.

(f.) The period of the year during which the water may be used is the whole year.

(g.) The land upon which the water is to be used is fraction of Hope Indian Reserve No. 2 on bank of Fraser river, on which is situated a power house site and the licence is appurtenant to the undertaking of the licensee as set out in its Certificate of Approval of Undertaking, dated 26th March, 1936, as shown on the attached plan.

(h.) The works for the diversion and carriage of the water are dam and pipe,

and have been ~~shall be~~ commenced ~~on or before the~~ ~~day of~~ ~~19~~ and shall be completed and the water beneficially used on or before the 31st day of December 19 40.

(i.) This licence or any licence issued in substitution thereof shall expire on the 31st day of December, 1960.

ENTERED ON MAP 5941

APPROVED Chief Engineer Legal

Abandoned see L.O. 13-7-49

Comptroller of Water Rights.

File No. 0124036. Date issued 20th July, 1936. Licence No. 12922

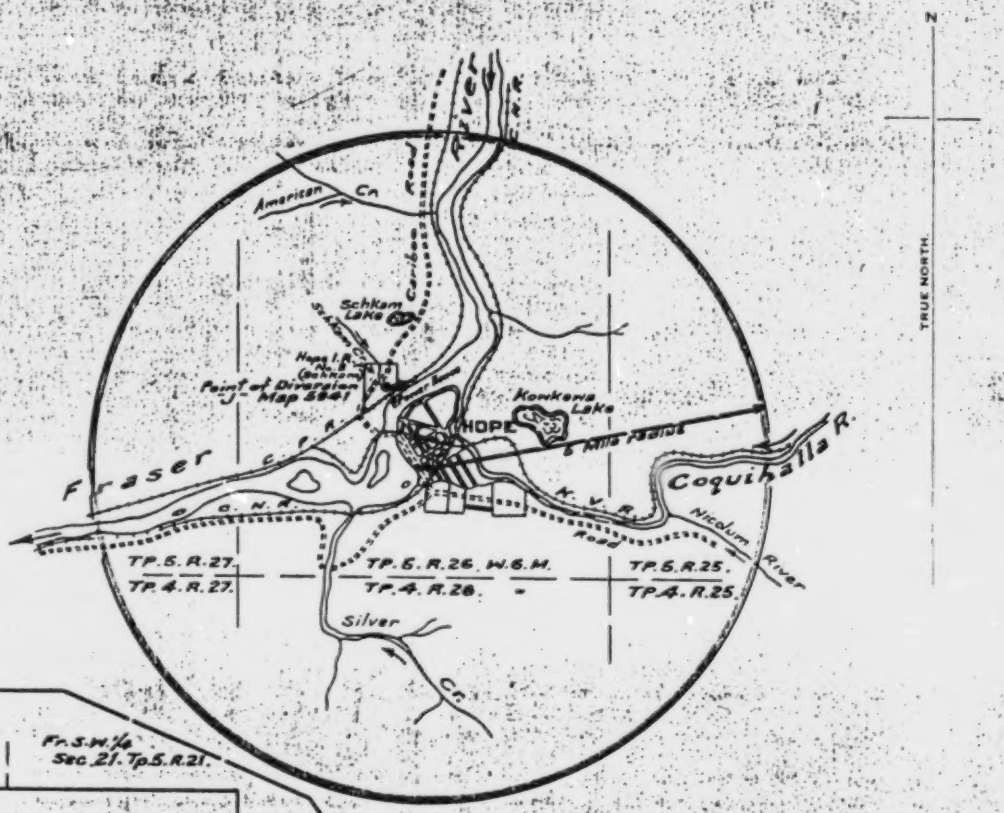
4

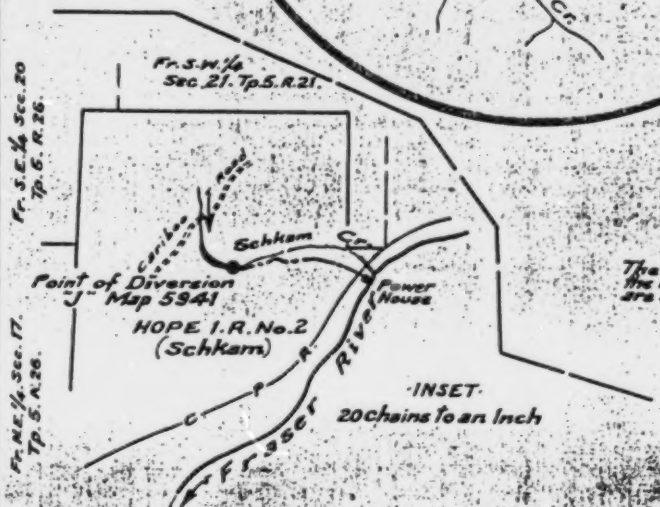
British Columbia.

To accompany Conditional Licence No. 12922

NEW WESTMINSTER WATER DISTRICT.

Scale, 2 Miles to 1 Inch.




Fr. S.W.¼ Sec. 21. Tp. 5. R. 21.
Fr. S.E.¼ Sec. 20 Tp. 6. R. 26.
Fr. N.E.¼ Sec. 17. Tp. 5. R. 26.
Schkam Cr.
Point of Diversion J- Map 5941
HOPE I.R. No. 2 (Schkam)
Power House
Fraser River
INSET
20 chains to an Inch

The boundaries of the territory within which the electrical energy may be sold & distributed are shown shaded.

The boundaries of the land to which this application relates are shown shaded.

Signature J. MacDonell

Date 20th July, 1936.

EXHIBIT "A"

C.L. 12922
File 0124036

500-830-1843

Stream Register Report Water Licence Information System

Report Requested By : RABRAMS
Date Report Requested : 1996/08/15 10:49
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : H023168 - Harvey Creek left of Coquihalla River
END POINT : S023116 - Coquihalla River left of Fraser River

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	POC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
	Source		WR Map	POD RED POD Comments					Prec	
1951/07/31	F015885	0190193	THAT PART OF FRAC LS 12 SEC 11 TP 5 R 26 W6M LYING W OF RY RLY R/W EXC PLAN B4903	LEE JOHN J & LISA P RR 2 COMP 2 MARKET H HOPE BC V0X1L0	DOM	1,000.00 GD	Jan 01	Dec 31		AMD UNDER AMENDMENT
	Coquihalla River		WR92.H.033.4.4	L N					20Q NW - HOPE	
1980/04/10	C055099	0366326	43 AC OF L 1822 YDYD	HOPE GOLF & COUNTRY CLUB BOX 197 HOPE B C V0X1L0	WTRNG	43.00 AF	Apr 01	Sep 30		
	Coquihalla River		WR92.H.033.4.4.3	C N					20Q NW - HOPE	
	Coquihalla River		WR92.H.033.4.4.3	B N						
	Coquihalla River		WR92.H.033.4.4.3	A N						

---------- Total of 2 Licences Reported ----------

Stream Register Report Water Licence Information System

Report Requested By : RABRAMS
Date Report Requested : 1996/08/14 15:35
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : H0707 - Schkam Lake on Schkam Creek
END POINT : H0706 - Schkam Creek right of Fraser River

Stream Register Report

Water Licence Information System

DATE: 1996/08/14
TIME: 15:35
PAGE: 001

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	POC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
	Source		NR Map	POD RED POD Comments					Proc	
1959/02/23	F020305	0224246	THAT PART OF LS 12 OF SEC 21 TP 5 R 26 W6M LYING W OF TRANS CAN HWY (PLAN H696)	SHAN DUNCAN G BOX 1630 HOPE BC V0X1L0	DOM	1,000.00 GD	Jan 01	Dec 31		
	Schkam Creek		MR92.H.043.2.1	B M					20K HW - RUBY	
1960/06/22	F020306	0231657	L 1 OF SEC 21 TP 5 R 26 W6M PLAN 13598	SCHENK ENGLEBERT & GERDI BOX 1095 HOPE BC V0X1L0	DOM	500.00 GD	Jan 01	Dec 31		
	Schkam Creek		MR92.H.043.2.1	C M					20K HW - RUBY	
1970/07/23	C045083	0296835	5 AC OF THAT PART OF LS 12 OF SEC 21 TP 5 R 26 W6M LYING W OF TRANS CAN HWY (PLAN H696)	SHAN DUNCAN G BOX 1630 HOPE BC V0X1L0	IRR	5.00 AF	Apr 01	Sep 30		
	Schkam Creek		MR92.H.043.2.1	B M					20K HW - RUBY	

---------- Total of 3 Licences Reported ----------

COQUIHALLA RIVER NEAR HOPE - STATION NO. 08MF003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1911	---	---	---	---	---	---	---	---	---	---	---	23.2	---	1911
1912	---	---	---	---	---	---	---	---	---	---	---	16.6	27.4	1912
1913	26.7	27.8	11.7	25.0	75.4	58.1	22.6	13.0	10.2	13.3	28.4	20.4	40.0	1913
1914	16.8	16.8	11.1	33.8	94.3	112	48.3	16.4	18.5	47.1	55.2	41.4	39.7	1914
1915	7.14	6.86	15.0	44.9	24.4	20.7	11.5	6.30	5.69	32.6	28.6	19.7	19.5	1915
1916	11.4	11.0	43.3	44.9	79.6	106	47.4	17.9	8.75	6.58	20.2	6.92	34.4	1916
1917	10.4	7.08	7.14	17.2	67.9	103	26.9	13.0	5.81	10.6	31.4	62.6	33.0	1917
1918	68.4	18.9	13.5	43.9	79.5	93.1	47.9	15.1	5.05	29.0	20.9	29.0	36.8	1918
1919	16.8	10.1	9.54	47.6	99.0	97.6	58.9	15.7	9.81	7.76	50.8	34.3	38.2	1919
1920	41.5	29.1	13.3	17.0	68.0	78.8	49.7	11.8	29.9	58.0	22.7	20.5	36.7	1920
1921	21.4	40.1	21.9	27.5	96.5	111	34.8	9.96	26.1	42.0	33.0	59.8	44.0	1921
1922	11.4	7.33	5.59	22.9	106	119	22.7	9.46	12.9	---	---	---	---	1922
1957	---	---	---	---	---	---	---	---	---	---	12.4	21.7	---	1957
1958	24.7	24.5	19.6	33.7	83.9	29.3	9.19	5.49	11.9	28.9	34.8	55.2	30.2	1958
1959	46.8	16.7	21.6	54.9	72.0	87.6	36.2	10.2	26.8	47.8	54.5	---	---	1959
1960	---	19.1	13.3	41.7	68.2	78.8	26.0	10.9	21.6	26.1	24.0	15.7	---	1960
1961	36.5	39.9	21.0	34.9	81.7	76.2	30.1	8.05	9.96	26.0	24.7	24.5	33.3	1961
1962	42.1	44.1	11.0	39.0	46.7	57.9	26.6	12.7	8.95	17.0	34.1	47.7	32.0	1962
1963	23.2	42.6	19.1	21.0	68.1	46.0	27.8	10.1	7.81	22.2	47.7	43.5	30.0	1963
1964	27.7	16.8	14.6	27.4	68.1	123	71.8	24.3	24.3	36.1	21.0	20.9	39.7	1964
1965	16.2	26.9	23.6	43.6	64.1	71.4	24.0	10.9	9.29	20.7	37.3	28.2	31.3	1965
1966	13.7	10.5	44.6	27.0	62.6	124	31.9	9.98	6.56	29.2	56.9	60.7	33.7	1966
1967	30.3	29.3	14.6	27.0	75.0	64.7	33.7	10.6	6.30	28.4	46.0	45.0	41.5	1967
1968	58.0	41.9	36.3	35.4	88.7	75.6	32.7	11.7	19.0	24.5	25.0	25.3	36.9	1968
1969	11.4	12.3	18.0	34.6	97.2	45.2	15.4	9.34	12.5	24.5	22.3	15.5	26.6	1969
1970	13.8	16.1	16.6	21.8	61.5	70.3	10.5	5.51	9.26	12.9	20.1	12.6	22.5	1970
1971	19.7	41.4	13.9	30.0	65.2	76.7	47.1	11.5	9.90	21.0	22.8	13.9	33.4	1971
1972	9.88	14.7	24.8	37.8	115	132	73.1	20.0	14.9	21.6	11.9	29.1	45.3	1972
1973	16.9	10.6	13.0	22.9	63.4	66.1	19.4	6.86	5.03	4.22	18.7	13.0	22.3	1973
1974	38.1	16.5	20.1	39.5	74.3	128	61.9	18.8	8.04	5.96	14.6	22.9	37.4	1974
1975	19.5	10.4	13.2	20.8	78.1	96.7	44.2	11.9	6.98	18.6	45.2	73.3	36.7	1975
1976	29.0	19.4	13.6	28.5	82.3	81.2	19.2	7.12	18.9	8.55	14.4	28.8	34.7	1976
1977	52.8	31.7	17.2	41.8	43.7	41.1	16.9	7.10	6.57	12.3	57.2	19.0	25.8	1977
1978	11.9	15.7	31.1	36.6	85.3	66.5	20.4	9.20	16.4	15.0	28.4	10.8	36.2	1978
1979	5.87	9.49	31.9	31.3	66.9	45.0	14.3	5.96	5.29	5.92	4.95	62.3	24.2	1979
1980	12.3	14.5	17.4	44.2	61.0	48.2	19.1	9.11	13.6	10.0	33.5	73.5	29.7	1980
1982	15.1	24.5	16.1	24.4	74.9	97.3	43.4	15.9	17.2	23.1	17.6	22.4	32.7	1982
1983	---	22.5	25.4	31.5	59.9	42.5	42.4	10.6	11.3	---	---	---	---	1983
MEAN	24.1	21.0	19.9	34.7	75.8	78.5	34.3	12.0	13.0	22.7	28.1	31.9	33.0	MEAN

LOCATION - LAT 49 22 31 N LONG 121 25 10 W

DRAINAGE AREA, 741 KM²
NATURAL FLOW

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1911	---	---	---	---	1911
1912	---	159 ON MAY 14	5.95 ON OCT 06	866 000	1912
1913	---	199 ON JUN 02	6.51 ON APR 04	1 260 000	1913
1914	---	199 ON JAN 06	6.23E ON AUG 31	1 250 000	1914
1915	---	194 ON OCT 28	5.10 ON SEP 03	615 000	1915
1916	---	195 ON MAR 13	4.25 ON OCT 20	1 090 000	1916
1917	---	354 ON DEC 31	2.55 ON SEP 26 *	1 040 000	1917
1918	---	357 ON JAN 01	3.40 ON SEP 30	1 160 000	1918
1919	---	275 ON NOV 16	4.81 ON OCT 07	1 210 000	1919
1920	---	183 ON JAN 17	6.51 ON SEP 08	1 160 000	1920
1921	---	464 ON DEC 12	4.25 ON SEP 16	1 390 000	1921
1922	---	283 ON MAY 17	---	---	1922
1957	---	---	---	---	1957
1958	---	198 ON DEC 03	3.54 ON AUG 27	951 000	1958
1959	---	239 ON NOV 24	4.59 ON AUG 26	---	1959
1960	---	200 ON JUN 03	7.39 ON AUG 09	---	1960
1961	---	169 ON JAN 16	4.96 ON SEP 21	1 050 000	1961
1962	---	214 ON FEB 03	2.66 ON SEP 08	1 010 000	1962
1963	---	263 ON NOV 26	4.02 ON OCT 06	945 000	1963
1964	---	196 ON JUN 02	11.6 ON MAR 11	1 260 000	1964
1965	---	132 ON APR 28	6.23 ON OCT 03	987 000	1965
1966	---	243 ON DEC 18	5.17 ON SEP 22	1 060 000	1966
1967	---	272 ON OCT 31 *	4.87 ON SEP 28	1 310 000	1967
1968	---	258 ON JAN 20	10.1 ON SEP 10	1 170 000	1968
1969	---	182 ON MAY 07	8.58 ON AUG 22	839 000	1969
1970	---	162A ON MAY 25	4.53 ON SEP 02	711 000	1970
1971	192 AT 19:36 PST ON MAY 12	165 ON MAY 12	6.97 ON SEP 23	1 050 000	1971
1972	283 AT 00:01 PST ON MAY 30	246 ON MAY 29	5.61 ON JAN 20	1 430 000	1972
1973	159 AT 21:57 PST ON MAY 17	136 ON MAY 18	3.68 ON SEP 17	704 000	1973
1974	223 AT 23:06 PST ON JUN 14	191 ON JUN 15	4.53 ON OCT 30	1 180 000	1974
1975	425 AT 11:52 PST ON DEC 03	354 ON DEC 03	4.79 ON OCT 02	1 160 000	1975
1976	187 AT 03:57 PST ON JUN 16	154 ON JUN 16	6.29 ON OCT 23	1 100 000	1976
1977	348 AT 10:02 PST ON JAN 18	299 ON JAN 18	4.59 ON SEP 14	814 000	1977
1978	490 AT 21:03 PST ON NOV 07	157 ON NOV 08	6.91 ON AUG 30	825 000	1978
1979	345 AT 00:11 PST ON DEC 18	262 ON DEC 18	3.48 ON OCT 13	764 000	1979
1980	689 AT 12:59 PST ON DEC 26 *	490 ON DEC 26	6.89 ON AUG 26	940 000	1980
1982	161 AT 23:18 PST ON JUN 12	137 ON JUN 18	8.36 ON JAN 12	1 030 000	1982
1983	185 AT 05:14 PST ON JUL 12	133 ON JUL 14	---	---	1983
				1 040 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

COQUITLAM LAKE DIVERSION TO BUNTZEN LAKE - STATION NO. 08GA059

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1906	37.5	29.1	14.5	24.4	27.3	32.1	---	---	49.5	52.6	44.7	---	---	1906
1907	---	26.2	---	40.0	34.4	44.4	---	---	---	---	56.7	36.1	---	1907
1908	25.6	---	---	26.4	36.2	44.3	28.6	---	---	---	104	---	---	1908
1909	22.6	28.2	16.8	17.8	36.2	46.1	26.7	16.8	---	37.6	83.9	25.3	---	1909
1910	28.6	---	21.8	16.0	26.7	15.0	8.36	---	---	---	51.0	29.5	---	1910
MEAN	28.6	27.8	18.4	24.9	32.2	30.0	21.2	16.8	49.5	45.1	68.1	30.3	---	MEAN

LOCATION - LAT 49 21 50 N LONG 122 51 13 W REGULATED

DATA CONTRIBUTED BY - VANCOUVER POWER COMPANY

COQUITLAM LAKE DIVERSION TO BUNTZEN LAKE - STATION NO. 08GA059

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1906	---	215 ON SEP 05	---	---	1906
1907	---	198 ON APR 09	---	---	1907
1908	---	337 ON NOV 16	---	---	1908
1909	---	368 ON NOV 28 *	1.42 ON SEP 09 *	---	1909
1910	---	164 ON OCT 06	---	---	1910
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

DEPARTMENT OF INDIAN AFFAIRS
CANADA

273777

IN YOUR REPLY REFER TO
No. 30/6156.

0-1-1

COMMISSIONER'S OFFICE
P.O. BOX 777
VICTORIA, B.C., November 23, 1925.

3-22-1

Dept. of Lands
NOV 24 1925
Water Branch

The Chairman,
Board of Investigation,
Water Rights Branch,
Parliament Buildings,
Victoria, B.C.

PABC - REEL B4472
WRB FILE 0-1-1

Re - Indian Water Rights.

Sir,-

Upon investigation it has been found that certain water records appurtenant to Indian Reserves in British Columbia are of doubtful value. These records apply to sources from which it is impracticable to obtain water for irrigation purposes, either owing to prohibitive cost of works or other reasons.

After giving the matter due consideration this Department realizes that to file plans of proposed works and to obtain Conditional Licences to supersede these records, in order to retain rights from which the Indians can derive no benefit, would put both this Department and the Provincial authorities to needless effort and expense.

With the consent of the Superintendent General of Indian Affairs, I therefore abandon all claims to water rights based on records as listed hereunder:-

LYTTON AGENCY.

Board File

21-10-1 - Hope I.R.No.1, (Hope Town) - I.R.C.Allotment 16 Aug.1879, recorded in Dominion Lands Office at New Westminster 26th Sept. 1888 - 100 inches of water from Coquihalla River. (Reserve cancelled by Royal Commission).

24-14-1 - Yale I.R.No.5, (Albert Flat) - I.R.C. Allotment 5 Aug.1879, recorded in Dominion Lands Office at New Westminster 26th Sept. 1888 - 100 inches of water from Gordon Creek.

A REF. NO.	B RESERVE NAME & NO.	C BAND NAME	D WATER BODY	E TYPE OF WORKS	F LENGTH DYKE (KM)	G LENGTH B.P. (KM)	H CROWN WDTH. (M)	I APPROX. WATER SLOPE	J PROT'D. AREA (HA)	K DATE LAST CONST'D.	L CONST. FUNDED BY	M INSPECTED BY	N MAINTAINED BY
1	ASKHOLA 10	LOWER SIMILKAMEEN	SIMILKAMEEN R.	DYKE & B.P	0.40	1.20	?	?	80	1986	ARDSA	1.of D.	BAND
2	ATKYUCKS 15	SQUAMISH	SQUAMISH R.	DYKE	0.80	N/A	3.0	2:1	19	1977	B.C./MUN.	1.of D.	SQUAMISH DIST.
3	BARNSTON ISLAND 3	KATZIE	FRASER R.	DYKE	0.87	N/A	3.0	2:1	40.5	1950	FYDB	1.of D.	BRSM. I.D. DIST.
4	BELLA COOLA 1	BELLA COOLA	THORSEN CR.	DYKE	0.82	0.00	4.0	2:1	?	1988	BAND	?	BAND
5	BELLA COOLA 1	BELLA COOLA	TASTSQUAN CR.	DYKE & B.P	0.15	0.10	?	?	?	1974	BAND	?	BAND
6	CAPE MUDGE	CAPE MUDGE	SEA	SEAWALL	N/A	?	N/A	?	?	?	?	?	BAND
7	CHAWATHIL	HOPE	FRASER R.	B.P.	N/A	0.50	N/A	?	?	?	CPR	?	CPR
8	CHEAM 1	CHEAM	FRASER R.	DYKE	0.82	0.76	3.0	2.5:1	55.8	1974	FRJP/CNR	1.OF D.	CHILLIWACK DIST.
9	CHEHALIS 5	CHEHALIS	CHEHALIS R.	DYKE	0.44	N/A	4.0	2:1	881	1990	BAND	?	BAND
10	COQUITLAM 2	COQUITLAM	COQUITLAM R.	DYKE	0.50	N/A	?	?	70	?	BAND	?	BAND
11	COYICHAN 1	COYICHAN	COYICHAN/KOLSILAN RS.	DYKE	5.74	N/A	3.0	2:1	650	1985	ARDSA	1.of D.	BAND
12	DEADMAN'S CREEK	SKEETCHESTN	DEADMAN CR.	B.P.	N/A	?	N/A	?	800	1948	BAND	?	BAND
13	EAST SAANICH 2	TSAWOUT	SEA	SEAWALL	N/A	0.40	N/A	1.5:1	?	1985	BAND	?	BAND
14	ENDERBY 2	ENDERBY	SHUSWAP R./FORTUNE CR.	DYKE	?	N/A	?	?	340	?	BAND	?	BAND
15	FORT RUPERT 1	KWAKIUTL	SEA	SEAWALL	N/A	0.09	N/A	1.5:1	340	1974	BAND	?	BAND
16	GITANMAAX 1	GITANMAAX	SKEENA R.	GROYNE	N/A	?	N/A	N/A	?	?	?	?	BAND
17	GORDON RIVER 2	PACHEENAHT	SAN JUAN R.	B.P.	N/A	0.50	N/A	2:1	?	1991*	BAND	?	BAND
18	HALFWAY 168	HALFWAY	HALFWAY R.	B.P.	N/A	0.10	N/A	?	?	1991*	BAND	?	BAND
19	KAMLOOPS	KAMLOOPS	SOUTH THOMPSON R.	DYKE	1.37	N/A	?	?	?	1972	B.C.-MYTS.	?	BAND
20	KATIT 1	OWEKANO	UCONOVK	DYKE	?	N/A	?	?	?	1990	BAND	?	BAND
21	KATZIE 1	KATZIE	FRASER R.	DYKE	0.60	N/A	3.0	2.5:1	31.5	1984	FRJP	1.of D.	PITT M'DOWS DIST.
22	KINCOLITH 14	KINCOLITH	KASS R.	CAUSEWAY	N/A	0.20	4.0	1.5:1	?	1990	BAND	?	BAND
23	KITAMAAT 2	KITAMAAT	HAIHL R.	DYKE	0.55	N/A	3.5	2:1	16	1988	BAND.	?	BAND
24	KITWANGA 1	GITWANGA	SKEENA	B.P.	N/A	?	N/A	?	53	?	CNR	?	CNR
25	KITWILLUCHSILT 7	GITWINKSIHLKW	UNNAMED	CHAN. IMPS	N/A	N/A	N/A	N/A	52	1987	BAND	?	BAND
26	KULKAYU 4	HARTLEY BAY	SEA	SEAWALL	N/A	0.22	N/A	1.5:1	?	1977	BAND	?	BAND
27	LACHKALTSAP 9	LAKALZAP	GREENVILLE CR.	DYKE	1.40	N/A	4.0	1.5:1	800	1990	BAND/BC	?	BAND
28	LAKAHAHMEN 11	LAKAHMEN	KICOMEN SLOUGH	DYKE	0.90	N/A	?	?	23	1949	FYDB	1.of D.	M.KICOMEN I.DIST.
29	LOUIS CREEK 4	NORTH THOMPSON	N.THOMPSON/LOUIS CR.	B.P.	N/A	?	N/A	?	0.4	1984	BAND	?	BAND
30	NASSET 1	NASSET	SEA	SEAWALL	N/A	0.22	N/A	VERT.	?	1983	BAND	?	BAND
31	NATSOUT MAIN 2	NATSOUT	FRASER R.	DYKE	1.10	N/A	3.0	2.5:1	41.3	1974	FRJP	1.of D.	DIST.OF MATSQUI
32	NICHILAN ISLAND 16	LANGLEY	FRASER R.	B.P.	N/A	0.46	N/A	?	181	?	BAND	?	BAND
33	MOUNT CURRIE 1,8,8,10	MOUNT CURRIE	BIRKENHEAD	DYKE	0.70	N/A	3.0	2:1	442	PRE-70	?	1.of D.	PEMBERTON D.DIST.
34	MUSQUEAM 2	MUSQUEAM	SEA/N.ARM FRASER R.	DYKE & B.P	0.55	0.40	?	?	27.3	?	BAND	?	BAND
35	NANAIMO RIVER 3	NANAIMO RIVER	NANAIMO R./SEA	DYKE	2.20	N/A	?	?	82	1936	BAND	?	BAND
36	NEQUATQUE 1	ANDERSON LAKE	GATES R./ANDERSON L.	DYKE	?	N/A	?	?	9	1966	MYTS/BCR	?	?
37	NESUCH 3	MOUNT CURRIE	LILLOOET R.	DYKE	0.20	N/A	3.0	2.5:1	295	1967	B.C./M.D.	1.of D.	PEMBERTON D. DIST.
38	NORTH THOMPSON 1	NORTH THOMPSON	NORTH THOMPSON R.	B.P.	N/A	0.60	N/A	?	250	?	BAND	?	BAND
39	PAPERVATCHIN 4	LAKAHAHMEN	FRASER R.	DYKE	0.88	N/A	3.0	2.5:1	16.4	1980	FRJP	1.of D.	KICOMEN IS.I.DIST.
40	PENTICTON	PENTICTON	OKANAGAN R/SHINGLE CR.	DYKE	?	N/A	?	?	930	1953	B.C./CAN.	1.of D.	PROVINCE
41	PENTLEDGE 2	CONOX	PUNTLEDGE R.	B.P.	N/A	0.24	N/A	1.5:1	?	1972	BAND	?	BAND
42	PETERS 1	PETERS	FRASER	DYKE	0.25	N/A	?	?	125	1986	BAND	?	BAND
43	PETERS 2	PETERS	FRASER R.	B.P.	N/A	1.07	N/A	2:1	40	1986	BAND	?	BAND
44	PINCHIE 2	TL'AZT'EN NATION	STUART L./PINCHI R.	B.P.	N/A	0.10	N/A	2.5:1	30	1986	BAND	?	BAND
45	PORT SIMPSON 1	LAX KW'ALAAMS	SEA	CAUSEWAY	N/A	0.13	?	1:1	?	1990	BAND	?	BAND
46	QUAAOUT 1	LITTLE SHUSWAP	LITTLE R./ SHUSWAP L.	B.P.	N/A	0.13	N/A	?	?	1975	BAND	?	BAND
47	RUBY CREEK 2	SKAWAHLOOK	RUBY CREEK	DYKE	?	N/A	?	?	1.2	?	BAND	?	BAND
48	SALMON RIVER 1	SPALLUMCHEEN	SALMON R.	B.P.	N/A	0.19	N/A	1.5:1	?	1984	BAND	?	BAND
49	SCOWLITZ 1	SCOWLITZ 1	FRASER R./HARRISON R.	DYKE	2.90	N/A	3.0	2.5:1	93	1972	FRJP	1.of D.	KENT DIST.
50	SEABIRD ISLAND	SEABIRD ISLAND	FRASER R.	B.P.	N/A	1.90	N/A	2:1	166	1976/82	FRJP/BAND	1.of D.	KENT DIST./BAND
51	SEAICHEM 16	SQUAMISH	SQUAMISH R.	DYKE	0.60	N/A	3.0	2.5:1	4	1987	B.C./MUN.	1.of D.	SQUAMISH DIST.
52	SECHELT 2	SECHELT	SEA	B.P.	N/A	0.85	N/A	1.5:1	?	1984	BAND	?	BAND
53	SEYMOUR CREEK 2	SQUAMISH	SEYMOUR CR.	B.P.	N/A	?	N/A	?	?	?	LESEE	?	?
54	SKAWALOOK 1	SKAWALOOK	FRASER R.	B.P.	N/A	0.12	N/A	?	?	?	?	?	BAND
55	SKWAHA 10	LAKAHAHMEN	KICOMEN SLOUGH	DYKE	2.10	N/A	3.0	2:1	23	1949	FYDB	1.of D.	KICOMEN IS.I.DIST
56	SKWEOSKUMKIN 1,7,9	LOWER SIMILKAMEEN	SIMILKAMEEN R.	DYKE & B.P	7.56	1.50	3.0	2:1	1100	1986	ARDSA	2.of D.	BAND
57	SKIDEGATE 1	SKIDEGATE	SEA	B.P.	N/A	0.10	N/A	?	?	1985	BAND	?	BAND
58	SKWAHLAPH 10	SKWAH	FRASER R.	DYKE	4.30	N/A	3.0	2.5:1	488	1961	FYDB	1.of D.	KICOMEN IS.I.DIST
59	SKWALI 3	SKWAH	FRASER R.	DYKE	2.50	N/A	3.0	2:1	6	1950	FYDB	1.of D.	CHILLIWACK DIST.
60	SKWAY 4,5	SKWAH	FRASER R.	DYKE	0	N/A	0	0	0	1950	FYDB	1.OF D.	?
61	SLOSH 1	SETON LAKE	SETON R./SETON L.	B.P.	N/A	0.08	N/A	1.5-2:1	?	1990	BAND	?	?
62	SOOYAHLIE 14	SOOYAHLIE	CHILLIWACK R.	DYKE	2.61	N/A	3.7	2:1	?	1990	BAND	?	BAND
63	SWITSEMALPH 6	ADAMS LAKE	SHUSWAP L./SYPHON CR.	DYKE	?	N/A	?	?	?	?	LESEE	?	?
64	TSAWWASSEN	TSAWWASSEN	SEA	DYKE	2.50	N/A	3.0	2.5:1	273	1985	FRJP	1.of D.	CORP. OF DELTA
65	TSEATAH 2	CHEAM	FRASER R.	DYKE & B.P	2.80	0.70	3.0	2:1	87	1973	FRJP/BAND	1.of D.	KENT DIST./BAND
66	TSULQUATE 4	QVA-SALA-KAEVAI	SEA/TSULQUATE R.	B.P.	N/A	0.20	N/A	?	?	1971	BAND	?	BAND
67	VATVARUM 14	SQUAMISH	SQUAMISH R.	DYKE	0	N/A	0	0	0	1977	B.C./MUN.	1.OF D.	SQUAMISH DIST.
68	WHISPERING PINES 4	WHISPERING PINES	NORTH THOMPSON R.	DYKE	?	N/A	?	?	?	PRE-72	PROV.OWNER	?	?
69	ZAITSCHULLACH 9	LAKAHAHMEN	KICOMEN SLOUGH	DYKE	0.30	N/A	3.0	2:1	20	1949	FYDB	1.of D.	KICOMEN IS.I.DIST
				TOTALS	57.65	13.17							

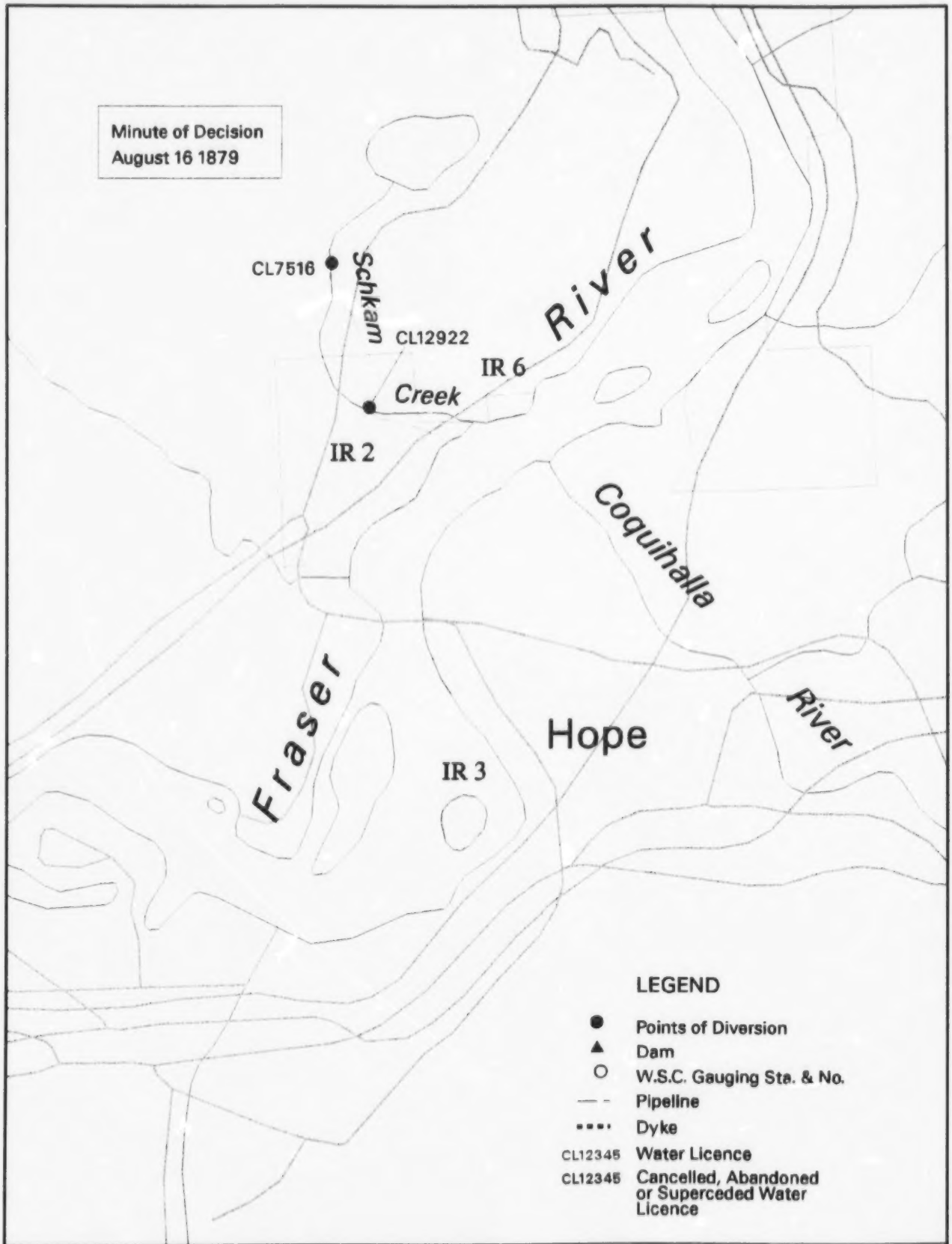
DYKE CATEGORIES:- A - 1:200 yr. Flood + 0.5 M Freeboard
B - 1:200 yr. Flood, no Freeboard
C - Less than 1:200 yr. Flood or unknown

0 -See Column Y COMMENTS

15	Grave-yard	Rupert district, an island in Winter harbour, ten chains south of reserve No. 14. 2 islands.	"	3·00	
16	Ah-we-eha-ol-to	Rupert district, at the head of Winter harbour, on its southern shore.	"	74·00	Allotted by Commissioner O'Reilly, July 15, 1899. Surveyed, 1892. Approved, June 20, 1893.
1	Wyclese	Coast district, on the southern shore of Smith's sound, about 20 miles from its mouth, and on the left bank of the Sammo river; also includes 5 islands.	Quawtheinh	551·00	The right to fish in the Sammo river for 2 miles above tidal water is reserved for these Indians.
2	Nekite	Coast district, on the right bank of the Nekito river, at the head of Smith's sound.	"	165·00	Allotted by Commissioner O'Reilly, August 3, 1882. Surveyed, 1889. Approved, April 28, 1891.
1	Karlukwees	Coast district, on the southern shore of Turner island, Beware passage.	Turner Island	20·75	Allotted by Commissioner O'Reilly, Oct. 2, 1886. Surveyed, 1887. Approved, July 27, 1888.
1	Mahmalilllkullah	Coast district, on the western shore of Village island, Elliott passage; also includes 3 islands.	Village island	434·25	
2	Meetup	Coast district, at the head of Viner Sound	"	15·75	
3	Ahta	Coast district, at the mouth of Ahta river, at the head of Bond sound.	"	17·50	Allotted by Commissioner O'Reilly, Sept. 29, 1886. Surveyed, 1889. Approved, July 27, 1888.
4	Kakweken	Coast district, at the mouth of Kakweken river, at the head of Thompson sound.	"	10·00	
5	Dead Point	Coast district, at Dead point, Harbledown island.	"	97·00	

LYTTON AGENCY.

1	Cheam	New Westminster district, in township 3, ranges 28 and 29, west 6th meridian, left bank of Fraser river.	Cheam	853·00	In railway belt. Allotted by Reserve Commissioner Sproat, June 16, 1879. Surveyed, 1881. Approved, March 19, 1892.
2	Tse à tah	New Westminster district, in township 3, range 28, west 6th meridian, right bank of Fraser river.	"	390·00	
1	Hope	Yale district, in the town of Hope	Hope	10·50	100 inches of water from Co-que-hal-la river, recorded Sept. 25, 1883. ABANDONED 1925/11/23
2	Schkam	Yale district, on right bank of Fraser river, one mile above the town of Hope, township 5, range 26, west 6th meridian.	"	193·00	250 inches of water from Hka-wilt-saa creek, Sept. 25, 1888. In railway belt.
3	Greenwood Island	Yale district, in section 9, township 5, range 26, west of 6th meridian, opposite Hope.	"	10·00	Allotted by Commissioner Sproat, Aug. 16, 1879. Surveyed, 1881.
4	Chawuthen	Yale district, in township 5, range 27, west of 6th meridian, on right bank of Fraser river, 3 miles below Hope.	"	1,407·00	Approved, May 8, 1889. Confirmed by O.C., 13 Jan., 1906, as containing 1,407 acres.
.....	Seabird Island	Yale district townships 3 and 4, range 28, west 6th meridian.	"	.....	Seabird Island, containing 4,511·50 acres, was allotted by Commissioner Sproat on June 13, 1879, to the Hope, Popkum, Squawtits, Ohamil, Skawahlook, Union Bar and Yale Indians in common.
5	Fishery	Yale district, in S. 16, T. 5, R. 26, W. 6. M.	"	1·00	In railway belt. Allotted by Commissioner Vowell, March 11, 1903.
6	"	Yale district, in S. 21, T. 5, R. 26, W. 6. M.	"	2·20	



CHAWATHIL FIRST NATION

Scale: 1 : 30,000

Ministry of Environment, Lands & Parks | Date: February 2000 | Environment & Lands Division